

ABSTRACT OF THE DISCLOSURE

A safety device for a battery of electrical storage cells composed of modules connected in series each including a storage cell or a group of storage cells connected in parallel. A circuit individually short circuits a module if it should fail and maintains the electrical continuity between the other modules connected in series with it. An individual circuit includes a first shunt circuit connected to the terminals of a module and includes an energy consuming member in series with a switching member for applying a shunt to the terminals of the module via the consuming member if the voltage at the terminals of the module is greater than a particular upper voltage threshold value. The circuit short circuits the module if the voltage at the terminals of the module falls below a particular lower voltage threshold value.